

Islands in the Stream Expedition
2001 Field Season
Dive Summary

Eau Gallie [JSL]

8/30/2001

Oculina Habitat Area of Particular Concern, Islands in the Stream

Overview of Dive Clelia-609 at Eau Gallie [JSL]

Don Liberatore piloted this dive at the site known as Eau Gallie [JSL] (28.13361 / -78.00577) on 8/30/2001 starting at 17:45:52. Total dive time was 2:54:08 and the maximum depth reached was 300 feet. Scientific observers were Sandra Brooke and Andy David. (All times EST)

Dive Objectives. Objectives accomplished during the dive include:

Fish Assessment	Primary
Transect(s)	Primary
Exploration/Recon	Secondary
Filming	Secondary
Sample Collection	Secondary

Data Collected. Types of data collected during the dive include:

Coral Fragments 3

CTD/Data Sonde

Tracking

Coral Fragments 3

Digital Video Tapes 1

Digital Video Tapes 1

Digital Video Tapes 1

Digital Video Tapes 1

Living Marine Resources Abundance

few 2-10; many 11 - 100; abundant >100

Pelagic Fish	Abundant	Other Benthic	Single
Bottom Fish	Abundant	Few <i>Oculina verucosa</i> heads	
Crustacean	Few		
Mollusk	Few		
Echinoderm	Many		

Observations and Comments on Living Marine Resources:

General Comments

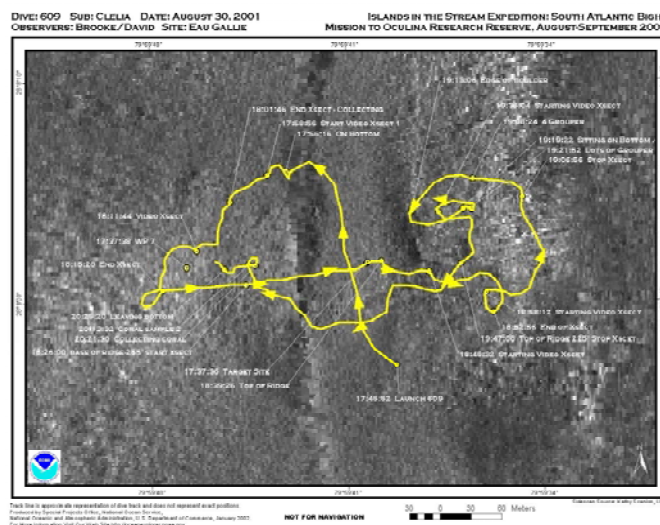
None.



Prepared by :
National Oceanic and Atmospheric Administration
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Dive Track Description

Dive started on generally sandy bottom at 280' viz. Two *Oculina* collections made on way toward main ridge feature. *Oculina* rubble increased as distance to ridge decreased. Bottom gradually transitioned to hard bottom with numerous encrusting invertebrates. Top of ridge was very steep with strong current rising up from south. Northwest edge of ridge appears to have been undermined by currents and broken off into numerous large boulders (2-3m) which provided excellent grouper habitat. Transects for habitat assessment conducted on south, west, and east faces of ridge. Third *Oculina* sample collected at end of dive. Relief of features observed during the dive ranged from to 3 meters.



Observed Human Activities

None Observed.

Observed Human Impacts

Trawl Tracks or Damage. Surprised to

Overall Dive Site Ratings

1 = low; 10 = high

Uniqueness	4
Health	3
Disturbance	7
Biodiversity	3

Observed Fish Abundance

few 2-10; many 11 - 100; abundant >100

Centropristis ocyurus	Single
Chaetodon aya	Few
Chaetodon ocellatus	Single
Chaetodon sedentarius	Single
Chromis enchrysurus	Many
Chromis scotti	Few
Equetus umbrosus	Many
Hemanthias vivanus	Abunda
Holanthias martinicensis	Abunda
Liopropoma eukrines	Single
Mycteroperca microlepis	Single
Mycteroperca phenax	Many
Scorpaena sp.	Single
Seriola dumerili	Abunda
Seriola rivoliana	Few
Serranus phoebe	Many